



```
RESULT 2
PCT-US96-01720-7
; Sequence 7, Application PC/TUS9601720
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: MODIFIED-AFFINITY STREPTAVIDIN
; NUMBER OF SEQUENCES: 11
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/01720
; FILING DATE:
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/387,055
; FILING DATE: 09-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Parmelee, Steven W.
; REGISTRATION NUMBER: 31,990
; REFERENCE/DOCKET NUMBER: 16336-5PC
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US96-01720-7

Query Match          100.0%; Score 52; DB 4; Length 41;
Best Local Similarity 20.0%; Pred. No. 90;
Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXCXXC 20
|:|:|:|:|:|:|:|:|:|:|:|
Db 16 CCGGCACCGACGACGACTAC 35

RESULT 3
PCT-US96-08811-2
; Sequence 2, Application PC/TUS9608811
; GENERAL INFORMATION:
; APPLICANT: VERNON, Leo P., RAEL, Eppie D. and
; APPLICANT: GASANOV, Sardar F.
; TITLE OF INVENTION: Pyruvate thioin containing
; TITLE OF INVENTION: Immunotoxins and immunotoxin-like compounds
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MADSON & METCALF
; STREET: 950 First Interstate Building, 170 South
; STREET: Main Street
; CITY: Salt Lake City
; STATE: Utah
; COUNTRY: USA
; ZIP: 84101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08811
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: L. Craig Metcalf
; REGISTRATION NUMBER: 31,398
; REFERENCE/DOCKET NUMBER: 1771.2.1a
; TELECOMMUNICATION INFORMATION:
```

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TELEPHONE: (801) 537-1700
TELEFAX: (801) 537-1799
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 47
; TYPE: amino acids
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; HYPOTHETICAL:
; ANTI-SENSE: no
; ORIGINAL SOURCE:
; ORGANISM: Pyruvate pubera
; TISSUE TYPE: leaves and nuts
; PUBLICATION INFORMATION:
; AUTHORS: Vernon, Leo P., Evelt, Gary E., Zeikus,
; TITLE: A Toxic thioin from Pyruvate pubera:
; TITLE: Purification, properties, and Amino Acid Sequence
; JOURNAL: Archives of Biochemistry and Biophysics
; VOLUME: 238
; ISSUE: 1
; PAGES: 18-29
; DATE: April 1995
PCT-US96-08811-2

Query Match          100.0%; Score 52; DB 4; Length 47;
Best Local Similarity 20.0%; Pred. No. 1e+02;
Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXXXXXCXXC 20
|:|:|:|:|:|:|:|:|:|:|:|
Db 12 CYNVRLPOTISREICAKKC 31

RESULT 4
US-08-369-829A-1
; Sequence 1, Application US/08369829A
; Patent No. 5861377
; GENERAL INFORMATION:
; APPLICANT: Hans Filtz
; APPLICANT: Christian Sommerhoff
; APPLICANT: Jutta Helm
; TITLE OF INVENTION: NO. 5861377e1 Inhibitor
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NO. 5861377artis Corporation
; STREET: 59 Route 10
; CITY: East Hanover
; STATE: New Jersey
; COUNTRY: US
; ZIP: 07936
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/369,829A
; FILING DATE: 6-JAN-95
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: EPO 94810006.0
; FILING DATE: 7-JAN-94
; ATTORNEY/AGENT INFORMATION:
; NAME: NO. 5861377ek, Henry P.
; REGISTRATION NUMBER: 33200
; REFERENCE/DOCKET NUMBER: 4-19942/R/DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 277-5110
; TELEFAX: (908) 277-4306
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
```



1 NUMBER OF SEQUENCES: 6  
 2 CORRESPONDENCE ADDRESS:  
 3 ADDRESSEE: Incyte Pharmaceuticals, Inc.  
 4 STREET: 3174 Porter Drive  
 5 CITY: Palo Alto  
 6 STATE: CA  
 7 COUNTRY: USA  
 8 ZIP: 94304  
 9  
 10 COMPUTER READABLE FORM:  
 11 MEDIUM TYPE: Diskette  
 12 COMPUTER: IBM Compatible  
 13 OPERATING SYSTEM: DOS  
 14 SOFTWARE: FASTSEQ for Windows Version 2.0  
 15 CURRENT APPLICATION DATA:  
 16 APPLICATION NUMBER: US/08/785,530  
 17 FILING DATE: Herewith  
 18 CLASSIFICATION: 514  
 19 PRIOR APPLICATION DATA:  
 20 APPLICATION NUMBER:  
 21 FILING DATE:  
 22 ATTORNEY/AGENT INFORMATION:  
 23 NAME: Billings, Lucy J.  
 24 REGISTRATION NUMBER: 36,749  
 25 REFERENCE/DOCKET NUMBER: PF-0194 US  
 26 TELECOMMUNICATION INFORMATION:  
 27 TELEPHONE: 415-855-0555  
 28 TELEFAX: 415-845-4166  
 29 TELEX:  
 30 INFORMATION FOR SEQ ID NO: 3:  
 31 SEQUENCE CHARACTERISTICS:  
 32 LENGTH: 61 amino acids  
 33 TYPE: amino acid  
 34 STRANDEDNESS: single  
 35 TOPOLOGY: linear  
 36 IMMEDIATE SOURCE:  
 37 LIBRARY: GenBank  
 38 CLONE: 386962  
 39 US-08-785-530-3

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Query Match          100.0%; Score 52; DB 2; Length 61;
Best Local Similarity 20.0%; Pred No. 1 3e+02;
Matches      4; Conservative   16; Mismatches    0; Indels       0; Gaps        0

OY      1 CXXXCXXXXXXXXXXXXCXXXC 20
         |::|::|::|::|::|::|::|
Db      29 CKKCCSCCPVCAKCAQGC 48

RESULT      8
US-08-785-530-4
: Sequence 4, Application US/08785530
: Patent NO. 5814480
: GENERAL INFORMATION:
: APPLICANT: Hillman, Jennifer L.
: APPLICANT: Golli, Surya K.
: TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONEIN
: NUMBER OF SEQUENCES: 6
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Incyte Pharmaceuticals, Inc.
: STREET: 3174 Porter Drive
: CITY: Palo Alto
: STATE: CA
: COUNTRY: USA
: ZIP: 94304
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FastSeq for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/785,530
: FILING DATE: Herewith
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CLASSIFICATION: 514  
 PRIOR APPLICATION DATE:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Billings, Lucy J.  
 REGISTRATION NUMBER: 36,749  
 REFERENCE/DOCKET NUMBER: PF-0194 US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415-855-0555  
 TELEFAX: 415-845-4166  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 61 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 IMMEDIATE SOURCE:  
 LIBRARY: GenBank  
 CLONE: 386865  
 US-08-785-530-4

Query Match	100.0%;	Score: 52;	DB 2;	Length 61;
Best Local Similarity	20.0%;	Pred. No. 1.3e+02;		
Matches	4;	Conservative	16;	Mismatches 0;
			Indels	0;
			Gaps	0;

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      GC Content: 20.08%, GC bias: NO: 1.06102;
    Matches: 4; Conservative: 16; Mismatches: 0; Indels: 0; Gaps: 0;

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0y 1 CXXXXXXXXXXXXXXCXXC 20
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Db 29 CKKSCCSCCPVGCACQAQGC 48
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b 29 CKKSCCSCCPVGCACKCAQGC 48

RESULT 9  
 US-08-785-530-5  
 Sequence 5, Application US/08785530  
 Patent No. 581480  
 GENERAL INFORMATION:  
 APPLICANT: Hillman, Jennifer L.  
 APPLICANT: Goll, Surya K.  
 TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONEIN  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Incyte Pharmaceuticals, Inc.  
 STREET: 3174 Porter Drive  
 CITY: Palo Alto  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 94304  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSEQ for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/785,530  
 FILING DATE: Herewith  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Billings, Lucy J.  
 REGISTRATION NUMBER: 36,749  
 REFERENCE/DOCKET NUMBER: PF-0194 US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415-855-0535  
 TELEFAX: 415-845-4166  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 61 amino acids  
 TYPE: amino acid

STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
LIBRARY: GenBank  
CLONE: 342385  
US-08-785-530-5

Query Match 100.0%; Score 52; DB 2; Length 61;  
Best Local Similarity 20.0%; Pred. No. 1.3e+02;  
Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

OY 1 CXXCXXXXXXXXXXCXXC 20  
|::|::|::|::|::|::|::|  
Db 29 CKKSCCSCPCVCAKCAOGC 48

RESULT 10  
US-08-785-530-6

Sequence 6, Application US/08785530  
Patent No. 5814480  
GENERAL INFORMATION:  
APPLICANT: Hillman, Jennifer L.  
TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Incyte Pharmaceuticals, Inc.  
STREET: 3174 Porter Drive  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/785,530  
FILING DATE: Herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Billings, Lucy J.  
REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0194 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-855-0555  
TELEFAX: 415-845-4166  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 61 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
LIBRARY: GenBank  
CLONE: 305363  
US-08-785-530-6

Query Match 100.0%; Score 52; DB 2; Length 61;  
Best Local Similarity 20.0%; Pred. No. 1.3e+02;  
Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

OY 1 CXXCXXXXXXXXXXCXXC 20  
|::|::|::|::|::|::|::|  
Db 29 CKKSCCSCPCVCAKCAOGC 48

RESULT 11

US-09-123-850-1  
Sequence 1, Application US/09123850  
Patent No. 5955428

GENERAL INFORMATION:  
APPLICANT: Hillman, Jennifer L.  
APPLICANT: Goli, Surya K.  
TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Incyte Pharmaceuticals, Inc.  
STREET: 3174 Porter Drive  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/123,850

FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/785,530  
FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J.  
REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0194 US

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-855-0555

TELEFAX: 415-845-4166

TELEX:

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:  
LENGTH: 61 amino acids  
TYPE: amino acid

STRANDEDNESS: single  
TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: Consensus

CLONE: 977891  
US-09-123-850-1

Query Match 100.0%; Score 52; DB 2; Length 61;  
Best Local Similarity 20.0%; Pred. No. 1.3e+02;  
Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

OY 1 CXXCXXXXXXXXXXCXXC 20  
|::|::|::|::|::|::|::|  
Db 29 CKKSCCSCPCVCAKCAHGC 48

RESULT 12

US-09-123-850-3  
Sequence 3, Application US/09123850  
Patent No. 5955428

GENERAL INFORMATION:  
APPLICANT: Hillman, Jennifer L.

APPLICANT: Goli, Surya K.

TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive

CITY: Palo Alto

STATE: CA

COUNTRY: USA



Query Match 100.0%; Score 52; DB 2; Length 61;  
Best Local Similarity 20.0%; Pred. No. 1.3e+02;  
Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXXXXXXXXXXXXCXXC 20  
|::|::|::|::|::|::|::|  
Db 29 CKKSCCSCPCVGCACAGC 48

## RESULT 15

US-09-123-850-6  
; Sequence 6, Application US/09123850  
; Patent No. 5955428  
; GENERAL INFORMATION:  
; APPLICANT: Hillman, Jennifer L.  
; TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Incyte Pharmaceuticals, Inc.  
; STREET: 3174 Porter Drive  
; City: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FASTSEQ for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/123,850  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/785,530  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Billings, Lucy J.  
; REGISTRATION NUMBER: 36,749  
; REFERENCE/DOCKET NUMBER: PF-0194 US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-855-0555  
; TELEFAX: 415-845-4166  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 61 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; IMMEDIATE SOURCE:  
; LIBRARY: GenBank  
; CLONE: 305363  
; US-09-123-850-6

Query Match 100.0%; Score 52; DB 2; Length 61;  
Best Local Similarity 20.0%; Pred. No. 1.3e+02;  
Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXXXXXXXXXXXXCXXC 20  
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Db 29 CKKSCCSCPCVGCACAGC 48

Search completed: March 1, 2001, 16:19:17  
Job time: 510 sec

